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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

1309.43768X00

First Inventor

HOSHINO, SACHIKO

Title

STORAGE SUBSYSTEM AND STORAGE
SUBSYSTEM CONTROL METHOD

Express Mail Label No.

APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages: **51**]
(preferred arrangement set forth below)

-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R & D
-Reference to sequence listing, a table,
or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets: **18**]

5. Oath or Declaration [Total Sheets: _____]

- a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS Citations
Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: **Figs. 1-18; Credit Card Payment Form; Claim
for Priority**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosures of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number

020457

OR ☐ Correspondence address below

Name

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Name (Print/Type)

Carl J. Brundidge

Registration No. (Attorney/Agent)

29,621

Signature

Date

April 13, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the
USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete,
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and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS
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041304

13281 U.S. PTO

041304

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ **770.00**)

Complete if Known

Application Number
Filing Date **April 13, 2004**
First Named Inventor **HOSHINO, SACHIKO**
Examiner Name
Art Unit
Attorney Docket No. **1309.43768X00**

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit Account Number **01-2135**
Deposit Account Name **Antonelli, Terry, Stout & Kraus, LLP**

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application.

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims 10	-20** = 0	x 18.00	= 0.00
Indep. Claims 2	-3** = 0	x 86.0.0	= 0.00
Multiple Dependent		290.00	= 0.00

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 0.00				

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1051	2051	Surcharge - late filing fee or oath	
1052	2052	Surcharge - late provisional filing fee or cover sheet	
1053	1053	Non-English specification	
1812	1812	For filing a request for ex parte reexamination	
1804	1804	920* Requesting publication of SIR prior to Examination action	
1805	1805	1,840* Requesting publication of SIR after Examiner action	
1251	2251	55 Extension for reply within first month	
1252	2252	210 Extension for reply within second month	
1253	2253	475 Extension for reply within third month	
1254	2254	740 Extension for reply within fourth month	
1255	2255	1,005 Extension for reply within fifth month	
1401	2401	165 Notice of Appeal	
1402	2402	165 Filing a brief in support of an appeal	
1403	2403	145 Request for oral hearing	
1451	1451	1,510 Petition to institute a public use proceeding	
1452	2452	55 Petition to revive - unavoidable	
1453	2453	665 Petition to revive - unintentional	
1501	2501	665 Utility issue fee (or reissue)	
1502	2502	240 Design issue fee	
1503	2503	320 Plant issue fee	
1406	1460	130 Petitions to the Commissioner	
1807	1807	50 Processing fee under 37 CFR 1.17(q)	
1806	1806	180 Submission of Information Disclosure Stmt	
8021	8021	40 Recording each patent assignment per property (times number of properties)	
1809	2809	385 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	2810	385 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	2801	385 Request for Continued Examination (RCE)	
1802	1802	900 Request for expedited examination of a design application	

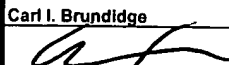
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **0.00**

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) **Carl I. Brundidge** Registration No. (Attorney/Agent) **29,621** Telephone **703-312-6600**
Signature  Date **04/13/2004**

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